

Abstract of the Disclosure

In an inkjet printer there is a trade off between speed and quality. Higher speed can be achieved at the expense of quality as inkjet droplets deposited are distorted in shape and or placement position if the relative velocity between the inkjet nozzles and the printing medium is simply increased. The velocity above which distortion occurs is termed threshold velocity. A feed mechanism that varies the printing medium advance rate to allow printing at below threshold velocity while maintaining a high average feed rate is described. By advancing the printing medium at a periodically varying velocity, with the printing medium velocity lower than the threshold velocity, the problem is avoided.